

**REMARKS**

This paper is responsive to the Office Action identified above, and is responsive in any other manner indicated below.

**PENDING CLAIMS**

Claims 1-24 were pending, under consideration and subject to examination in the Office Action. Appropriate claims have been amended, deleted and/or added in order to adjust a clarity and/or focus of Applicant's claimed invention. That is, such changes are unrelated to any prior art or scope adjustment and are simply refocused claims in which Applicant is presently interested. At entry of this paper, Claims 1-24 remain pending for further consideration and examination in the application.

**ALLOWED CLAIMS**

Claims 5-8 and 13-24 have been allowed in the application, as indicated on page 5 of the Office Action. Applicant and the undersigned respectfully thank the Examiner for such indication of allowable subject matter.

**ALL REJECTIONS UNDER 35 USC §§102 AND 103 - TRAVERSED**

All 35 USC rejections are respectfully traversed. However, such rejections have been rendered obsolete by the present clarifying amendments to Applicant's claims, and accordingly, traversal arguments are not appropriate at this time. However, Applicant respectfully submits the following to preclude renewal of any such rejections against Applicant's clarified claims.

All descriptions of Applicant's disclosed and claimed invention, and all descriptions and rebuttal arguments regarding the applied prior art, as previously submitted by Applicant in any form, are repeated and incorporated herein by reference. Further, all Office Action statements regarding the prior art rejections are respectfully traversed. As additional arguments, Applicant respectfully submits the following.

In order to properly support a §102 anticipatory-type rejection, any applied art reference must disclose each and every limitation of any rejected claim. The applied art would not adequately support a §102 anticipatory-type rejection because, at minimum, such applied art does not disclose (or suggest) the following discussed limitations of Applicant's claims.

Applicant's disclosed and claimed invention is directed toward providing arrangements to suppress noise with respect to a regulated voltage line, for example, regulator output lines feeding a clock generator. In order to accomplish the same, Applicant's disclosed and claimed invention (e.g., independent claim 1, and claims dependent therefrom) advantageously includes a ferrite bead connected in the regulated voltage line, the ferrite bead having a first resistance, and a bulk capacitor with low equivalent series resistance connected between an output side of the ferrite bead and ground. Other ones of Applicant's other sets of independent claims and claims dependent therefrom have similar or analogous limitations to those of independent claim 1 and claims dependent therefrom.

Turning now to rebuttal of the applied art, Korcharz et al. teaches a PWN controller for use with an open loop flyback type DC to AC converter. Korcharz et al. discloses (FIG. 6; column 14, lines 13-18) a ferrite bead 156 and capacitor 174.

However, such items are disposed in a non-regulated input line which feeds the regulator. That is, column 13, last two lines teach, "The output of the ferrite bead 156 is input to a voltage regulator 162..." Accordingly, it can be seen that Korcharz et al. does not disclose or suggest Applicant's arrangement, and in fact, Korcharz et al. teaches the opposite and/or away from Applicant's invention as Korcharz et al.'s bead/capacitor are disposed at a regulator input.

Turning now to the secondary reference, the Vishay Sprague catalog has a date "27-Aug-02" which is after Applicant's 02 Nov 2000 filing date, and accordingly, the Vishay Sprague catalog is NOT valid prior art. Even if such art was good, the Vishay Sprague catalog still does not above-discussed deficiency in the primary Korcharz et al. reference.

The TDK art appears to have been cited mainly for an alleged 0.3 ohm teaching. Even assuming *arguendo* that such alleged teaching is valid, TDK still does not above-discussed deficiency in the primary Korcharz et al. reference.

As a result of all of the foregoing, it is respectfully submitted that the applied art would not support a §102 anticipatory-type rejection or §103 obviousness-type rejection of Applicant's claims. Accordingly, reconsideration and withdrawal of such §102 and §103 rejections, and express written allowance of all of the rejected claims, are respectfully requested.

#### **EXTENSIVE PROSECUTION NOTED**

Applicant and the undersigned respectfully note the extensive prosecution which has been conducted to-date, and thus, would gratefully appreciate any consideration or guidance from the Examiner to move the case swiftly to allowance.

**EXAMINER INVITED TO TELEPHONE**

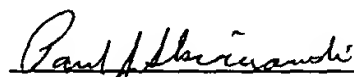
The Examiner is invited to telephone the undersigned at the local D.C. area number of 703-312-6600, to discuss an Examiner's Amendment or other suggested action for accelerating prosecution and moving the present application to allowance.

**CONCLUSION**

In view of the foregoing amendments and remarks, Applicant respectfully submits that all pending claims listed above are now in condition for allowance, and an early allowance of such claims is respectfully requested.

This Amendment is being submitted within the shortened statutory period for response set by the 12 May 2003 Action, and therefore, no Petition for extension of time is required. To whatever other extent is actually necessary and appropriate, Applicant respectfully petitions for an extension under 37 CFR §1.136. No additional claim fees or other fees are required for entry of this paper. Please charge any deficiencies in fees actually required to ATS&K Deposit Account No. 01-2135 (as Case No. 219.39043X00).

Respectfully submitted,



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